

CLAIMS

1. A biaxial hinge device comprising a hinge main body, a first hinge shaft turnably supported by said hinge main body, a second hinge shaft arranged parallel to said first hinge shaft and turnably supported by said hinge main body, a first gear non-turnably disposed at said first hinge shaft and a second gear non-turnably disposed at said second hinge shaft and meshed with said first gear, first turn biasing means adapted to turn bias said first hinge shaft in one direction when said first hinge shaft is located in a predetermined first position being disposed at least at one of between said hinge main body and said first hinge shaft and between said hinge main body and said second hinge shaft.
2. A biaxial hinge device according to claim 1, wherein second turn biasing means adapted to turn bias said first hinge shaft in the other direction when said first hinge shaft is located in a predetermined second position away from said first position in a peripheral direction is disposed at least at one of between said hinge main body and said first hinge shaft and between said hinge main body and said second hinge shaft.
3. A biaxial hinge device according to claim 2, wherein first turn restricting means adapted to restrict turn of said first hinge shaft with respect to said hinge main body with a predetermined force when said first hinge shaft is located in a predetermined restriction range between said first position and said second position is disposed between said hinge main body and said first hinge shaft, and second turn biasing means adapted to restrict turn of said second hinge shaft with respect to said hinge main body with a predetermined force when said first hinge shaft is located in said restriction range is disposed between said hinge main body and said second hinge shaft.
4. A biaxial hinge device according to claim 3, wherein third turn biasing means adapted to turn bias said first hinge shaft either in said one or the other direction when said first hinge shaft is located in a predetermined

intermediate position between said first position and said second position is disposed at one of between said hinge main body and said first hinge shaft and between said hinge main body and said second hinge shaft, and turn prohibiting means adapted to prohibit said first hinge shaft from being turned by a turn biasing force of said third turn biasing means with a predetermined prohibiting force when said first hinge shaft is located in said intermediate position is disposed at the other.

5. A biaxial hinge device according to claim 4, wherein first turn restricting means adapted to restrict turn of said first hinge shaft with respect to said hinge main body with a predetermined force when said first hinge shaft is located in a predetermined first restriction range between said first position and said intermediate position and when said first hinge shaft is located in a predetermined second restriction range between said intermediate position and said second position is disposed at least at one of between said hinge main body and said first hinge shaft and between said hinge main body and said second hinge shaft, and second turn restricting means adapted to restrict turn of said second hinge shaft with respect to said hinge main body with a predetermined force when said first hinge shaft is located in said first and second restriction ranges is disposed between said hinge main body and said second hinge shaft.

6. A biaxial hinge device according to one of claims 1 through 5, wherein said first hinge shaft is provided at one end part thereof with a first attachment part, and said second hinge shaft is provided at one end part thereof with a second attachment part.

7. A biaxial hinge device according to claim 6, wherein said hinge main body is provided at a part thereof located on the same axis as the first hinge shaft with a third attachment part, and said hinge main body is provided at a part thereof located on the same axis as said second hinge shaft with a fourth attachment part.